

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-7 (canceled).

Claim 8 (Currently amended): A device for intravascular cardiac valve surgery, comprising:

a micro axial pump (4) fastened to a catheter (10) and having a tubular pump portion (14) with a distal axial inlet and a proximal radial outlet (19); and

a dilating device (18) surrounding the pump portion (14) wherein said dilating device is configured for breaking up a stenosis of a cardiac valve upon deployment while positioned within said cardiac valve (AK).

Claim 9 (Previously added): The device of claim 8, characterized in that the pump portion (14) comprises a pump ring (15) and a tubular cannula (16) connected therewith.

Claim 10 (Previously added): The device of claim 8, characterized in that the dilating device (18) comprises an annular high-pressure balloon inflatable to at least 1.0 bar.

Claim 11 (Previously added): The device of claim 10, characterized in that the pump portion (14) comprises a pump ring (15) and a tubular cannula (16) connected therewith.

Claim 12 (Previously added): The device of claim 11, wherein the high-pressure balloon is seated on a rigid annular support.

Claims 13-17 (canceled).

Claim 18 (Previously added): The device of claim 10, wherein said balloon has a rectangular longitudinal cross-section.

Claim 19 (Previously added): The device of claim 8, wherein said micro axial pump comprises an implantable tubular drive portion that is directly coupled to said pump portion.